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NEWS 2 Apr 08 "Ask CAS" for self-help around the clock
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NEWS 4 Apr 09 ZDB will be removed from STN
NEWS 5 Apr 19 US Patent Applications available in IFICDB, IFIPAT, and IFIUDB
NEWS 6 Apr 22 Records from IP.com available in CAPLUS, HCAPLUS, and ZCAPLUS
NEWS 7 Apr 22 BIOSIS Gene Names now available in TOXCENTER
NEWS 8 Apr 22 Federal Research in Progress (FEDRIP) now available
NEWS 9 Jun 03 New e-mail delivery for search results now available
NEWS 10 Jun 10 MEDLINE Reload
NEWS 11 Jun 10 PCTFULL has been reloaded
NEWS 12 Jul 02 FOREGE no longer contains STANDARDS file segment
NEWS 13 Jul 22 USAN to be reloaded July 28, 2002;
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NEWS 14 Jul 29 Enhanced polymer searching in REGISTRY
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NEWS 16 Aug 08 CANCERLIT reload
NEWS 17 Aug 08 PHARMAMarketLetter(PHARMAML) - new on STN
NEWS 18 Aug 08 NTIS has been reloaded and enhanced
NEWS 19 Aug 19 Aquatic Toxicity Information Retrieval (AQUIRE)
 now available on STN
NEWS 20 Aug 19 IFIPAT, IFICDB, and IFIUDB have been reloaded
NEWS 21 Aug 19 The MEDLINE file segment of TOXCENTER has been reloaded
NEWS 22 Aug 26 Sequence searching in REGISTRY enhanced
NEWS 23 Sep 03 JAPIO has been reloaded and enhanced
NEWS 24 Sep 16 Experimental properties added to the REGISTRY file
NEWS 25 Sep 16 CA Section Thesaurus available in CAPLUS and CA
NEWS 26 Oct 01 CASREACT Enriched with Reactions from 1907 to 1985
NEWS 27 Oct 21 EVENTLINE has been reloaded
NEWS 28 Oct 24 BEILSTEIN adds new search fields
NEWS 29 Oct 24 Nutraceuticals International (NUTRACEUT) now available on STN
NEWS 30 Oct 25 MEDLINE SDI run of October 8, 2002
NEWS 31 Nov 18 DKILIT has been renamed APOLLIT
NEWS 32 Nov 25 More calculated properties added to REGISTRY
NEWS 33 Dec 02 TIBKAT will be removed from STN
NEWS 34 Dec 04 CSA files on STN
NEWS 35 Dec 17 PCTFULL now covers WP/PCT Applications from 1978 to date
NEWS 36 Dec 17 TOXCENTER enhanced with additional content
NEWS 37 Dec 17 Adis Clinical Trials Insight now available on STN
NEWS 38 Dec 30 ISMEC no longer available

NEWS 39 Jan 13 Indexing added to some pre-1967 records in CA/CAPLUS
NEWS 40 Jan 21 NUTRACEUT offering one free connect hour in February 2003
NEWS 41 Jan 21 PHARMAML offering one free connect hour in February 2003
NEWS 42 Jan 29 Simultaneous left and right truncation added to COMPENDEX,
ENERGY, INSPEC
NEWS 43 Feb 13 CANCERLIT is no longer being updated
NEWS 44 Feb 24 METADEX enhancements
NEWS 45 Feb 24 PCTGEN now available on STN
NEWS 46 Feb 24 TEMA now available on STN
NEWS 47 Feb 26 NTIS now allows simultaneous left and right truncation
NEWS 48 Feb 26 PCTFULL now contains images

NEWS EXPRESS January 6 CURRENT WINDOWS VERSION IS V6.01a,
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L1 69 AYABE S/AU

=> s aoki t/au
L2 2894 AOKI T/AU

=> s l1 and l2
L3 7 L1 AND L2

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L4 6 DUPLICATE REMOVE L3 (1 DUPLICATE REMOVED)

=> d 14 1-6

L4 ANSWER 1 OF 6 BIOSIS COPYRIGHT 2003 BIOLOGICAL ABSTRACTS INC.DUPLICATE 1
AN 2003:34172 BIOSIS
DN PREV200300034172
TI Efficient Agrobacterium-mediated transformation of *Lotus japonicus* with reliable antibiotic selection.
AU ***Aoki, T. (1)*** ; Kamizawa, A.; ***Ayabe, S.***
CS (1) Department of Applied Biological Sciences, Nihon University, Fujisawa, Kanagawa, 252-8510, Japan: taoki@brs.nihon-u.ac.jp Japan
SO Plant Cell Reports, (October 2002, 2002) Vol. 21, No. 3, pp. 238-243.
print.
ISSN: 0721-7714.
DT Article
LA English

L4 ANSWER 2 OF 6 AGRICOLA
AN 2002:6875 AGRICOLA
DN IND23248640
TI Chalcone isomerase isozymes with different substrate specificities towards 6'-hydroxy- and 6'-deoxychalcones in cultured cells of *Glycyrrhiza echinata*, a leguminous plant producing 5-deoxyflavonoids.
AU Kimura, Y.; ***Aoki, T.*** ; ***Ayabe, S.***
AV DNAL (450 P699)
SO Plant and cell physiology, Oct 2001. Vol. 42, No. 10. p. 1169-1173
Publisher: Kyoto, Japan : Japanese Society of Plant Physiologists.
CODEN: PCPHA5; ISSN: 0032-0781
NTE Includes references
CY Japan
DT Article
FS Non-U.S. Imprint other than FAO
LA English

L4 ANSWER 3 OF 6 AGRICOLA
AN 2001:47171 AGRICOLA
DN IND23210528
TI Flavonoids of leguminous plants: structure, biological activity, and biosynthesis.
AU ***Aoki, T.*** ; Akashi, T.; ***Ayabe, S.***
AV DNAL (QK1.B33)
SO Journal of plant research, Dec 2000. Vol. 113, No. 1112. p. 475-488
Publisher: Tokyo : Botanical Society of Japan, c1993-
CODEN: JPLREA; ISSN: 0918-9440
NTE Includes references

CY Japan
DT Article; Law
FS Non-U.S. Imprint other than FAO
LA English

L4 ANSWER 4 OF 6 AGRICOLA
AN 2000:65313 AGRICOLA
DN IND22056690
TI Molecular cloning and biochemical characterization of a novel cytochrome P450, flavone synthase II, that catalyzes direct conversion of flavanones to flavones.
AU Akashi, T.; Fukuchi-Mizutani, M.; ***Aoki, T.*** ; Ueyama, Y.; Yonekura-Sakakibara, K.; Tanaka, Y.; Kusumi, T.; ***Ayabe, S.***
CS Nihon University, Fujisawa, Kanagawa, Japan.
SO Plant and cell physiology, Nov 1999. Vol. 40, No. 11. p. 1182-1186
Publisher: Kyoto, Japan : Japanese Society of Plant Physiologists.
CODEN: PCPHAS; ISSN: 0032-0781
NTE Includes references
CY Japan
DT Article
FS Non-U.S. Imprint other than FAO
LA English

L4 ANSWER 5 OF 6 AGRICOLA
AN 2000:60329 AGRICOLA
DN IND22060334
TI Cloning and functional expression of a cytochrome P450 cDNA encoding 2-hydroxyisoflavanone synthase involved in biosynthesis of the isoflavonoid skeleton in licorice.
AU Akashi, T.; ***Aoki, T.*** ; ***Ayabe, S.***
AV DNAL (450 P692)
SO Plant physiology, Nov 1999. Vol. 121, No. 3. p. 821-828
Publisher: Rockville, MD : American Society of Plant Physiologists, 1926-
CODEN: PLPHAY; ISSN: 0032-0889
NTE Includes references
CY Maryland; United States
DT Article; Conference
FS U.S. Imprints not USDA, Experiment or Extension
LA English

L4 ANSWER 6 OF 6 AGRICOLA
AN 1998:83441 AGRICOLA
DN IND21808043
TI CYP81E1, a cytochrome P450 cDNA of licorice (*Glycyrrhiza echinata* L.), encodes isoflavone 2'-hydroxylase.
AU Akashi, T.; ***Aoki, T.*** ; ***Ayabe, S.***
CS Nihon University, Kanagawa, Japan.
AV DNAL (442.8 B5236)
SO Biochemical and biophysical research communications, Oct 9, 1998. Vol. 251, No. 1. p. 67-70
Publisher: Orlando, Fla. : Academic Press.
CODEN: BBRCA9; ISSN: 0006-291X
NTE Includes references
CY Florida; United States
DT Article
FS U.S. Imprints not USDA, Experiment or Extension
LA English

=> d 14 6 ab

L4 ANSWER 6 OF 6 AGRICOLA

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L4 ANSWER 6 OF 6 AGRICOLA

ACCESSION NUMBER: 1998:83441 AGRICOLA
DOCUMENT NUMBER: IND21808043
TITLE: CYP81E1, a cytochrome P450 cDNA of licorice
(*Glycyrrhiza echinata L.*), encodes isoflavone
2'-hydroxylase.
AUTHOR(S): Akashi, T.; ***Aoki, T.*** ; ***Ayabe, S.***
CORPORATE SOURCE: Nihon University, Kanagawa, Japan.
AVAILABILITY: DNAL (442.8 B5236)
SOURCE: Biochemical and biophysical research communications,
Oct 9, 1998. Vol. 251, No. 1. p. 67-70
Publisher: Orlando, Fla. : Academic Press.
CODEN: BBRCA9; ISSN: 0006-291X
NOTE: Includes references
PUB. COUNTRY: Florida; United States
DOCUMENT TYPE: Article
FILE SEGMENT: U.S. Imprints not USDA, Experiment or Extension
LANGUAGE: English

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| FULL ESTIMATED COST | 2.64 | 17.62 |

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=> s 2 (w)hydroxyisoflavanone (w) synthase
L5 20 2 (W) HYDROXYISOFLAVANONE (W) SYNTHASE

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DUPLICATE PREFERENCE IS 'AGRICOLA, BIOSIS, EMBASE, CAPLUS'
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L6 10 DUPLICATE REMOVE L5 (10 DUPLICATES REMOVED)

=> d 16 1-10

L6 ANSWER 1 OF 10 BIOSIS COPYRIGHT 2003 BIOLOGICAL ABSTRACTS INC.DUPLICATE
1
AN 2002:517689 BIOSIS
DN PREV200200517689
TI Key amino acid residues required for aryl migration catalysed by the
cytochrome P450 ***2*** - ***hydroxyisoflavanone*** ***synthase***

AU Sawada, Yuji; Kinoshita, Kengo; Akashi, Tomoyoshi; Aoki, Toshio; Ayabe,
Shin-ichi (1)
CS (1) Department of Applied Biological Sciences, Nihon University, Fujisawa,
Kanagawa, 252-8510: ayabe@brs.nihon-u.ac.jp Japan
SO Plant Journal, (September, 2002) Vol. 31, No. 5, pp. 555-564.
<http://www.blackwell-science.com/cgilib/jnlpage.bin?Journal=TPJ&File=TPJ&Page=aims.print>.
ISSN: 0960-7412.
DT Article
LA English

L6 ANSWER 2 OF 10 EMBASE COPYRIGHT 2003 ELSEVIER SCI. B.V.DUPLICATE 2
AN 2001045460 EMBASE
TI Flavonoid 6-hydroxylase from soybean (*Glycine max* L.), a novel plant P-450
monooxygenase.
AU Latunde-Dada A.O.; Cabello-Hurtado F.; Czitrich N.; Didierjean L.;
Schopfer C.; Hertkorn N.; Werck-Reichhart D.; Ebel J.
CS J. Ebel, Botanisches Inst. der Universitat, Menzinger Strasse 67, D-80638
Munchen, Germany. j.ebel@botanik.biologie.uni-muenchen.de
SO Journal of Biological Chemistry, (19 Jan 2001) 276/3 (1688-1695).
Refs: 53
ISSN: 0021-9258 CODEN: JBCHA3

CY United States
DT Journal; Article
FS 029 Clinical Biochemistry
LA English
SL English

L6 ANSWER 3 OF 10 CAPLUS COPYRIGHT 2003 ACS
AN 2001:635036 CAPLUS
DN 135:340707
TI Properties and metabolic engineering of alfalfa phenylpropanoid pathway
O-methyltransferases

AU Dixon, Richard A.; Chen, Fang; He, Xian-Zhi; Noel, Joseph P.; Zubieta, Chloe
CS Plant Biology Division, Samuel Roberts Noble Foundation, Ardmore, OK, 73401, USA
SO Recent Advances in Phytochemistry (2001), 35 (Regulation of Phytochemicals by Molecular Techniques), 131-154
CODEN: RAPHBE; ISSN: 0079-9920
PB Elsevier Science Ltd.
DT Journal; General Review
LA English
RE.CNT 62 THERE ARE 62 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L6 ANSWER 4 OF 10 CAPLUS COPYRIGHT 2003 ACS
AN 2000:553689 CAPLUS
DN 133:146926
TI Licorice ***2*** - ***hydroxyisoflavanone*** ***synthase***
cDNA, recombinant expression, and use in transgenic plants
IN Ayabe, Shinichi; Aoki, Toshio; Akashi, Tomoyoshi
PA Nihon University, Japan
SO PCT Int. Appl., 59 pp.
CODEN: PIXXD2
DT Patent
LA Japanese
FAN.CNT 1

| PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|----------------------------------------------------------------------------|-------|----------|-----------------|----------|
| ----- | ----- | ----- | ----- | ----- |
| PI WO 2000046356 | A1 | 20000810 | WO 2000-JP596 | 20000204 |
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| RW: AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE | | | | |

PRAI JP 1999-63745 A 19990204
RE.CNT 4 THERE ARE 4 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L6 ANSWER 5 OF 10 BIOSIS COPYRIGHT 2003 BIOLOGICAL ABSTRACTS INC.DUPLICATE 3
AN 2001:80770 BIOSIS
DN PREV200100080770
TI New scheme of the biosynthesis of formononetin involving 2,7,4'-trihydroxyisoflavanone but not daidzein as the methyl acceptor.
AU Akashi, Tomoyoshi; Sawada, Yuji; Aoki, Toshio; Ayabe, Shin-ichi (1)
CS (1) Department of Applied Biological Sciences, Nihon University, Fujisawa, Kanagawa, 252-8510: ayabe@trs.nihon-u.ac.jp Japan
SO Bioscience Biotechnology and Biochemistry, (October, 2000) Vol. 64, No. 10, pp. 2276-2279. print.
ISSN: 0916-8451.
DT Article
LA English
SL English

L6 ANSWER 6 OF 10 BIOSIS COPYRIGHT 2003 BIOLOGICAL ABSTRACTS INC.DUPLICATE 4
AN 2001:151075 BIOSIS
DN PREV200100151075
TI Induction of isoflavonoid pathway in the model legume *Lotus japonicus*: Molecular characterization of enzymes involved in phytoalexin

biosynthesis.

AU Shimada, Norimoto; Akashi, Tomoyoshi; Aoki, Toshio; Ayabe, Shin-ichi (1)
CS (1) Department of Applied Biological Sciences, Nihon University, Fujisawa,
Kanagawa, 252-8510: ayabe@brs.nihon-u.ac.jp Japan
SO Plant Science (Shannon), (December 7th, 2000) Vol. 160, No. 1, pp. 37-47.
print.
ISSN: 0168-9452.

DT Article
LA English
SL English

L6 ANSWER 7 OF 10 AGRICOLA DUPLICATE 5
AN 2000:60329 AGRICOLA
DN IND22060334
TI Cloning and functional expression of a cytochrome P450 cDNA encoding
2 - ***hydroxyisoflavanone*** ***synthase*** involved in
biosynthesis of the isoflavonoid skeleton in licorice.
AU Akashi, T.; Aoki, T.; Ayabe, S.
AV DNAL (450 P692)
SO Plant physiology, Nov 1999. Vol. 121, No. 3. p. 821-828
Publisher: Rockville, MD : American Society of Plant Physiologists, 1926-
CODEN: PLPHAY; ISSN: 0032-0889

NTE Includes references
CY Maryland; United States
DT Article; Conference
FS U.S. Imprints not USDA, Experiment or Extension
LA English

L6 ANSWER 8 OF 10 BIOSIS COPYRIGHT 2003 BIOLOGICAL ABSTRACTS INC.DUPLICATE 6
AN 1999:362259 BIOSIS
DN PREV199900362259
TI Molecular characterization of the enzyme catalyzing the aryl migration
reaction of isoflavonoid biosynthesis in soybean.
AU Steele, Christopher L.; Gijzen, Mark; Qutob, Dinah; Dixon, Richard A. (1)
CS (1) Plant Biology Division, Samuel Roberts Noble Foundation, 2510 Sam
Noble Parkway, Ardmore, OK, 73401 USA
SO Archives of Biochemistry and Biophysics, (July 1, 1999) Vol. 367, No. 1,
pp. 146-150.
ISSN: 0003-9861.
DT Article
LA English
SL English

L6 ANSWER 9 OF 10 AGRICOLA DUPLICATE 7
AN 1999:21631 AGRICOLA
DN IND21969338
TI Purification of 2-hydroxyisoflavanone dehydratase from the cell cultures
of Pueraria lobata.
AU Hakamatsu, T.; Mori, K.; Ishida, S.; Ebizuka, Y.; Sankawa, U.
CS Toyama Medical and Pharmaceutical University, Toyama, Japan.
SO Phytochemistry, Sept 1998. Vol. 49, No. 2. p. 497-505
Publisher: Oxford : Elsevier Science Ltd.
CODEN: PYTCAS; ISSN: 0031-9422
NTE Includes references
CY England; United Kingdom
DT Article

FS Non-U.S. Imprint other than FAO
LA English

L6 ANSWER 10 OF 10 CAPLUS COPYRIGHT 2003 ACS
AN 1995:694130 CAPLUS
DN 124:5013
TI Changes of secondary metabolism by elicitor treatment in *Pueraria lobata* cell cultures
AU Sankawa, Ushio; Hakamatsuka, Takashi; Shinkai, Kenji; Yoshida, Makoto;
Park, Hyung-Hwan; Ebizuka, Yutaka
CS Faculty Pharmaceutical Sciences, University Tokyo, Tokyo, 113, Japan
SO Current Plant Science and Biotechnology in Agriculture (1995), 22 (Current
Issues in Plant Molecular and Cellular Biology), 595-604
CODEN: CPBAE2; ISSN: 0924-1949
PB Kluwer
DT Journal
LA English

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